Soulmates Ventures Sustainability Report

Year 2023

soulmatesventures

Soulmates Ventures Sustainability Report 2024
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Welcome to the second edition of the Soulmates Ventures Sustainability (Impact previously) Report 2023. As we reflect on the past year, we are thrilled with the significant growth and progress within our portfolio. Our startups have thrived in our acceleration programmes, which cover a diverse range of areas including brand strategy, marketing, GTM, scaling, finance management, growth hacking, legal services, sustainability and more.

The year 2023 marked a pivotal period of growth and value-creation for us at Soulmates Ventures, as we remained committed to our mission of fostering sustainable innovation. As an accelerator and venture capital company, we invested in seven forward-thinking startups, deploying over €4.25 million towards sustainable solutions.
These startups spanned their solutions across vital industries of energy, mobility, circular economy, food & agriculture and healthcare.

Our investment reach extended across the Czech Republic, Slovakia, Estonia, Romania and the UK, driving regional and sustainable development in the Central and Eastern European (CEE) region while addressing global challenges. Through 11 targeted acceleration programmes — ranging from brand building, performance marketing, growth hacking, platform UX/UI, website and mobile apps revamp to sustainability — we empowered our portfolio companies scale.

Foreword

In the year 2023, we saw remarkable developments in the CEE region.
The quality and potential of sustainability startups here have been impressive, with several companies successfully raising Series A and Series B rounds, and achieving notable exits. For instance, Romanian startups FlowX.ai and DRUID have raised significant Series A and Series B funding, respectively. Additionally, Estonia's Skeleton Technologies secured a substantial investment round, highlighting the region's growing prowess in sustainability and deep tech industries.

The Czech Republic saw notable funding rounds and exits that emphasize the region's flourishing startup ecosystem. Woltair, focused on new generation energy devices, raised €15.7 million in its Series A round in 2022. Another significant highlight is IP Fabric, an automated network assurance platform, which secured €23 million in Series B funding.

We expanded our network of partners, allowing us to better support the growth of our startups. This enhanced network enables us to provide even more robust and tailored support to our portfolio companies, ensuring they have the resources and connections needed to succeed.

Furthermore, we are committed to aligning our sustainability activities with new regulations such as the Sustainable Finance Disclosure Regulation (SFDR), specifically Articles 8 and 9. This commitment is part of our broader effort to deliver top-tier financial support and hands-on acceleration tailored to the needs of each startup, fostering growth and sustainability.

As we continue to advance our role in the evolving startup ecosystem within the CEE region, we remain committed to strengthening the initiatives we have built around our startup ecosystem, such as the Green Innovation Academy (GIA) and Sustainability Hub Prague. These initiatives are designed to support the growth of startups, with focus on early-stage and sustainability, by incentivising activities and discussion with key partners such as the Czech Parliament.

Thank you for joining us on this journey. Together, we are building a more sustainable and healthier future through purpose-profit-driven innovations. We would like to especially thank our partners and portfolio startups, namely – eAgronom, VOS. health, Unmanned Life, Kardi AI, Ogre AI, Twinzo, MADMONQ, Perfect-Air and Precismo.

Hynek Sochor
Founder
Managing Partner

Our values

Decency	Stability
Expertise	Momentum
Efficiency	Trust

Our contribution to sustainability

Our contribution to sustainability is in growing the startups we invest in. Through our acceleration programme and the trust of our investors, we are evolving innovative and sustainable companies throughout the CEE region and beyond.

We aim to give the world more options when it comes to result-driven products that tackle climate change and other global problems. Our start-ups will help us achieve a sustainable economy, working towards a more healthy living environment.

Purpose-profit-driven startups

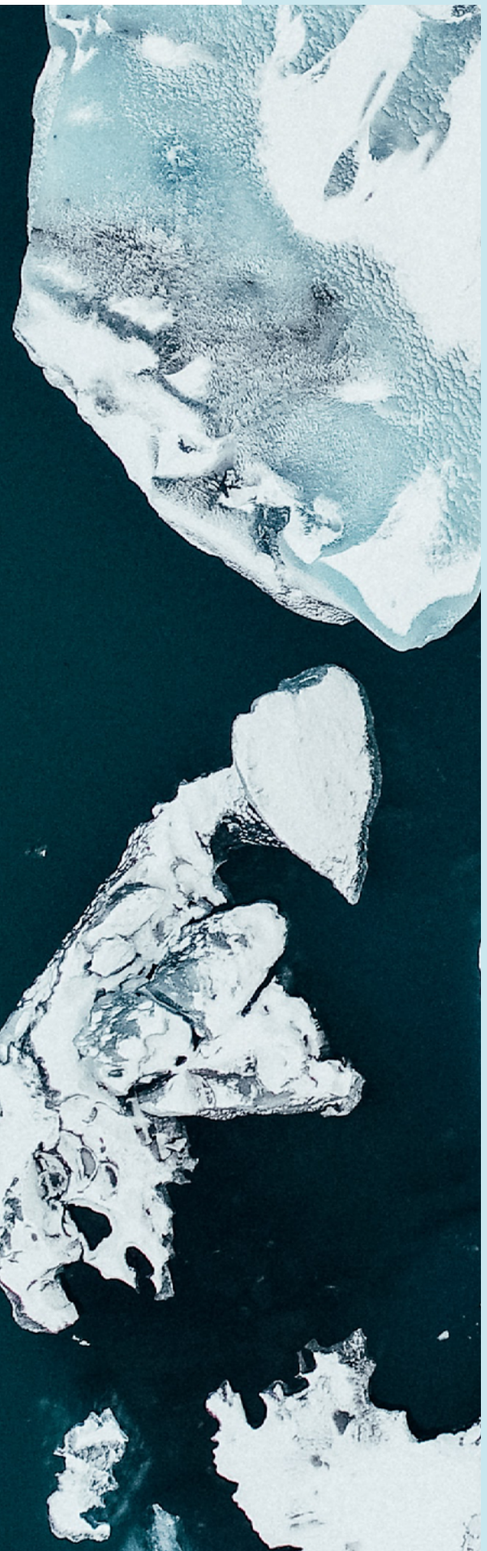
We believe that purpose-profit-driven (PPD) startups are key in delivering important products, sustainable outcomes and scalable business models. These companies create a great landscape to address specific challenges, on a long-term horizon, at a global scale.

Our acceleration programme offers PPD startups optimal time and resource efficiency utilization through our hands-on approach, supporting them from the seed stage to securing their next investment round and becoming a successful company in the long term.

Sustainability-oriented investors

Investors are starting to understand that investing in sustainable solutions is becoming one of the most interesting investment opportunity of the 21st century. We help startups show their potential to succeed and back them with the right funding.

We need to find net-zero solutions to decarbonise every aspect of global economies to reach the net-zero emissions targets. To achieve that, the global investments into these solutions need to increase by 3x, to around $4 trillion a year, by 2030 (IEA). We bridge the gap between interested investors and promising startups, working towards a sustainable future.



Sustainability within our strategy

Eight sustainability streams we invest in and accelerate bold, innovative founders:

air	energy	water	circular economy
food and agriculture	mobility	education	healthcare

Soulmates startup ecosystem:

gia

Green Innovation Academy, an endowment fund that acts as an incubator supporting early-stage founders in finding the right product-market fit. It leverages sustainability market expertise to provide industry insights and empower ecosystem initiatives.

Sustainability Hub Prague ↗

Sustainability Hub Prague, a functional space connecting stakeholders from the private, public and social sectors to share knowledge, network and bring meaningful solutions to the market.

SFDR in Soulmates and our funds

In this chapter, we turn our focus to the Sustainable Finance Disclosure Regulation (SFDR), a cornerstone regulation in the European Union designed to enhance transparency in the financial market. The SFDR mandates financial markets participants to disclose how they integrate environmental, social, and governance (ESG) risks and opportunities into their investment decisions and advisory processes. Central to this framework are Article 8 and 9, classifications that distinguish funds based on their sustainability objectives and the integration of ESG factors.

At Soulmates Ventures, aligning with these standards is not just a regulatory requirement that will come in the next years; it is a reflection of our core mission to foster sustainability through investments.

In 2024, we are committed to ensure that our two existing funds comply with the criteria for Article 8. This ambition reflects our dedication to promoting environmental and social contributions through our investment practices, underpinned by robust governance.

Looking beyond, our endeavour is the establishment of new funds designed from the ground up to achieve Article 9. This ambitious goal underscores our commitment to making sustainable investment the cornerstone of our future funds, embodying the highest standard of sustainability, ESG integration and impact.

Soulmates Ventures portfolio startups in 2023

eAgronom

Agtech startup helping farmers transition into sustainable production by providing rewards for regenerative agriculture practices.

VOS

Personal well-being AI companion app to transform the daily hustle into balance with over 3+ million users worldwide.

twinzo

Operational 3D digital twin platform unifying data and optimising business with real-time analytics 24/7 on any device.

Kardi Ai

Solution that provides continuous ECG monitoring of the heart from the comfort of one’s home using AI-based diagnostics.

Ogre

Climate-tech solution enhancing energy industry’s efficiency, reducing imbalance by improved decision-making through utilities digitalisation and forecasting.

UNMANNED LIFE

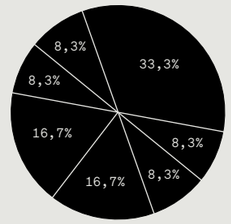
Software platform autonomously deploying, controlling & orchestrating fleets of heterogenous robots and drones to act as a single workforce.

MADMONQ®

Sustainable, natural supplements combining scientifically studied superherbs with proven brain compounds to boost health and performance.

Soulmates Ventures streams distribution

Air	8,3%
Energy	8,3%
Water	0,0%
Circular economy	8,3%
Food & Agriculture	16,7%
Mobility	16,7%
Education	8,3%
Healthcare	33,3%



Soulmates Ventures portfolio startups in 2023

Perfect–Air

The most accurate sensors and digital network of real-time air pollution data.

EXITED

PRECISMO

A more sustainable delivery path in e-commerce, fashion and more, through the most advanced 3D models for VR/AR.

EXITED

sensetio

A patented method and technology based on scientific measuring of the intensity of emotional reactions.

TESLA MEDICAL

Neurohacking through brain neuro-modulation allowing non-invasive treatment of overactive bladder and other chronic disabilities.

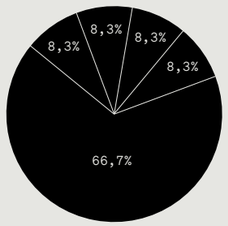
edlab

Empowering educators with world-class teaching tools for live demonstrations and interactive exercises to enable a better understanding of theory in practice.

EXITED

Portfolio Startups HQ Locations

Czech Republic	66,7%
Slovakia	8,3%
Estonia	8,3%
Romania	8,3%
United Kingdom	8,3%



Soulmates Ventures highlights in 2023

Number of purpose-profit-driven startups invested	12
Number of portfolio startups in our acceleration programme	11
Total workforce of portfolio startups	231
Women representation in our portfolio startups	66 (29%)
Assets under management (AUM)	€12M
Capital deployed towards sustainable startups	€4.25M
Number of investment rounds led	7
Investment rounds by stage: Pre-seed – Seed – Series A	2–9–1
Number of SDGs addressed and fostered by our portfolio startups	16/17
Czech and Slovak startups in our portfolio	8 and 1
Active portfolio startups in the CEE region	12
PPD startups reviewed	5000+
Startup in-depth analysis done	644

Europe, Africa and North America – market presence of portfolio startups

Regional presence of portfolio startups in 18+ countries – CZE, SK, PL, EST, SWE, FI, ROM, GR, BUL, US, RW, KEN, ZAF and others

Sustainable Development Goals

Our investment strategy and acceleration programme are designed to make meaningful contributions to various Sustainable Development Goals (SDGs) from both our own activities and through the portfolio startups into which we invest. Through targeted investments and comprehensive support by our accelerator, we foster the growth of startups that drive positive change across several critical areas. These are the SDGs to which we contribute to with our own investments and acceleration programme:

SDG 8: Decent Work and Economic Growth – We focus on startups that are economically viable and scalable, with the potential to grow into profitable global companies. By supporting these businesses, we help create jobs, foster economic growth, and encourage sustainable development.

SDG 9: Industry, Innovation, and Infrastructure – Our investments are directed towards startups that challenge outdated industrial practices and introduce innovative solutions to the market. These startups are pivotal in building resilient infrastructure, promoting inclusive and sustainable development, and fostering innovation. By investing in cutting-edge technologies and practices, we help pave the way for a more sustainable industrial landscape.

SDG 10: Reduced Inequality – We are committed to building a new startup ecosystem that offers economic opportunities for various regions. Our model aims to replicate the success seen in countries such as the Baltics and Ireland, by creating a supportive environment for startups. This ecosystem has the potential to reduce inequalities by providing diverse regions with opportunities for growth and development.

SDG 17: Partnerships for the Goals – We actively promote partnerships and collaboration to accelerate the missions of bold green entrepreneurs. By fostering strong partnerships, we enable startups to leverage collective expertise, resources, and networks. This collaborative approach is crucial for achieving sustainable development and addressing global challenges effectively.

An overview of all current 16 SDGs, to which we contribute through our portfolio of startups and sustainability-focused investment strategy, can be seen on the following page.

We are dedicated to driving sustainable development with strategic investments and comprehensive acceleration support, ensuring that our startups not only succeed but also contribute positively to the world.

Portfolio startups' contribution to SDGs

1 NO POVERTY	eAgronom, Ogre, UNMANNED LIFE, Kardi Ai, Perfect–Air, VOS
2 ZERO HUNGER	eAgronom, MADMONQ®
3 GOOD HEALTH AND WELL-BEING	Kardi Ai, VOS, eAgronom, MADMONQ®, Perfect–Air, UNMANNED LIFE
4 QUALITY EDUCATION	VOS
5 GENDER EQUALITY	
6 CLEAN WATER AND SANITATION	Ogre, twinzo, eAgronom
7 AFFORDABLE AND CLEAN ENERGY	Ogre, twinzo, UNMANNED LIFE
8 DECENT WORK AND ECONOMIC GROWTH	eAgronom, twinzo, UNMANNED LIFE, Ogre, PRECISMO, Kardi Ai, VOS, MADMONQ®, Perfect–Air
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	UNMANNED LIFE, Ogre, twinzo, eAgronom, PRECISMO, Perfect–Air, Kardi Ai, VOS, MADMONQ®
10 REDUCED INEQUALITIES	eAgronom
11 SUSTAINABLE CITIES AND COMMUNITIES	eAgronom, VOS, UNMANNED LIFE, Kardi Ai, Ogre, twinzo, PRECISMO, MADMONQ®, Perfect–Air
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	twinzo, UNMANNED LIFE, Ogre, eAgronom, PRECISMO, Perfect–Air, MADMONQ®
13 CLIMATE ACTION	eAgronom, Perfect–Air, UNMANNED LIFE, Ogre, twinzo, PRECISMO, Kardi Ai, VOS
14 LIFE BELOW WATER	UNMANNED LIFE, eAgronom, Ogre, twinzo, Perfect–Air, PRECISMO
15 LIFE ON LAND	eAgronom, Perfect–Air, UNMANNED LIFE
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	VOS
17 PARTNERSHIPS FOR THE GOALS	eAgronom

Our startups

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eAgronom

Agtech solution rewards sustainable farmers by generating additional revenue streams, improving soil quality and delivering access to better financing.

Stream	Food & Agriculture
Headquarter	Tartu, Estonia
Entry investment round	Seed+ (2023)
Total workforce in 2023	77
Gender diversity in the team	Men: 56, Women: 21

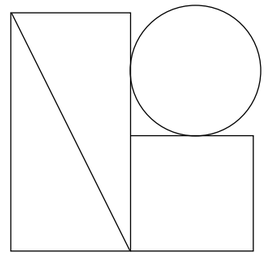
Solution

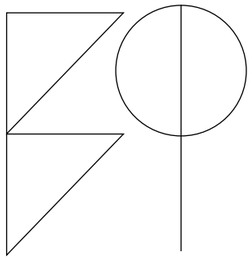
eAgronom is an innovative Agtech startup providing farmers with data tools for regenerative agriculture. The main goal is to assist farmers to transition into regenerative farming by helping them to change their practices.

eAgronom's product combines farm management software with AI and remote sensing technologies, carbon programmes and food quality verifications. This toolbox supports grain farmers in making better and more profitable decisions, while boosting crop yields, reducing input costs, and improving overall farm management efficiency. eAgronom's innovative approach to agriculture is revolutionising the industry, promoting sustainability for farmers and helping to address the climate change.

Purpose

The team's main purpose is to assist farmers in increasing their revenue, improving food quality and security, and capturing greenhouse gas emissions. This approach offers benefits for farmers, the environment, and the food industry as a whole. Farmers benefit from additional revenue streams, better financing, and improved soil quality. The food industry benefits from sustainable agriculture certification. The environment benefits from sustainable farming practices that reduce carbon emissions, and improve biodiversity and soil health. Ultimately, the end customer benefits from higher quality and more nutritious food.





Achievements in 2023

- eAgronom Carbon Programme PDD listed under validation in Verra registry.
- Onboarded 1.5 million hectares of farmland onto their farm management and carbon offsetting programmes. Carbon programme alone reached 570,000 hectares – the clients are storing 450–500 thousand tonnes of CO_2 annually.
- Launched partnership with Swedbank to provide better loan conditions that help agricultural producers across the Baltics implement regenerative practices.
- Joined the Value Change Initiative (VCI) that aims to reduce emissions and promotes sustainable practices through carbon credits in value chains.
- Onboarded 200,000 hectares in Africa for carbon credits, transforming farms into carbon sinks and boosting food production and security.
- Expanded into new CEE regions – Czechia, Romania and Ukraine.
- The investment round in 2023 was selected amongst The Top 10 Largest Climate-tech Deals in H1 2023 in the CEE region.
- Won the Investor Award of Mastercard Lighthouse Startup Showcase in Tallinn.

Plans for near future

- Launch partnerships with food value chain companies.
- Reaching for 2x more automated data collection compared to this year.
- Raise Series B investment round.
- Expand trials in new areas within the EMEA and CEE regions.
- Enhance soil health and farm efficiency.
- Advance Carbon Credit Programme.
- Grow farmland coverage.
- Strengthen community and collaboration.
- Set sight on future expansion.
- Targeting 4.1 million hectares under the platform by 2025.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup's product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup's contribution to sustainability

Total number of hectares of farming land under eAgronom platform management	>	1,500,000 ha
a) Total number of hectares that are under the carbon programme; b) number of hectares in Africa	>	570,000 ha; 200,000 ha
Total number of tonnes of CO_2 eAgronom platform is helping to store annually	>	525,000+ tonnes
Total number of farmers using the solution	>	3,000+
Total number of agricultural producers that have access to sustainability-related loans	>	120,000
Total number of countries in which eAgronom platform helps farmers	>	14 countries (10 in Global North and 4 in Global South)

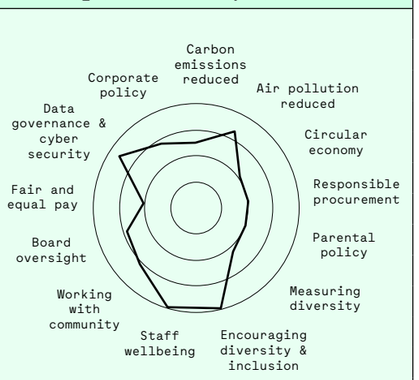
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 19/28 Social: 32/44 Governance: 24/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	63 %
	Air pollution reduced	83 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	100 %
	Staff wellbeing	100 %
	Working with community	75 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	88 %
	Corporate policy	69 %

ESG_VC Assessment by ESG Outcome

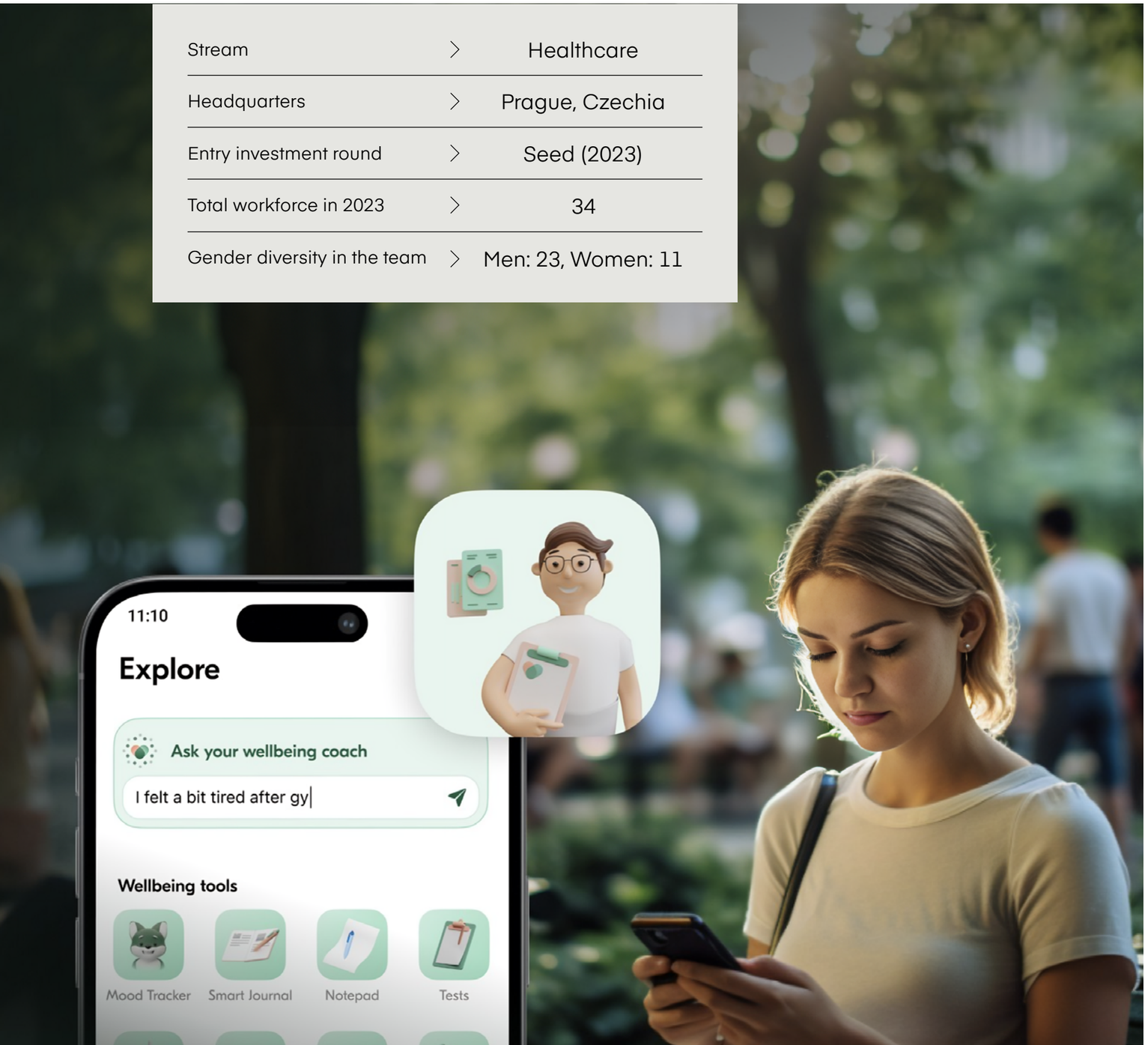


*The result numbers are prepared based on analysis by our internal team.

VOS.health

Digital-safe space for your mental health and well-being, accessible from anywhere.

Stream	Healthcare
Headquarters	Prague, Czechia
Entry investment round	Seed (2023)
Total workforce in 2023	34
Gender diversity in the team	Men: 23, Women: 11

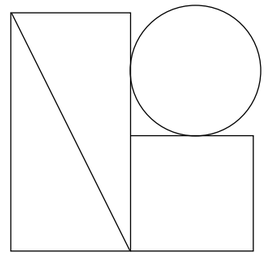


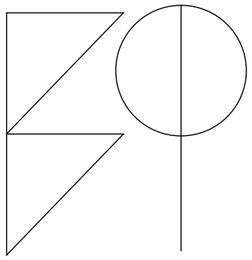
Solution

VOS.health merges cutting-edge technology with the pursuit of mental wellness, creating a supportive digital space for users to strengthen their well-being. Based in the Czech Republic, the startup leverages the power of artificial intelligence and insights from mental health professionals to develop personalised well-being plans. These plans are carefully crafted to align with individual goals, offering daily activities that contribute to mental health in a manageable and effective way. The platform does not stop at self-help; it provides access to professional advisors for in-depth discussions and includes features that allow users to track their mood and maintain a digital journal, promoting a holistic approach to self-awareness.

Purpose

VOS.health is driven by a vision to make mental health care accessible and free from stigma for everyone, everywhere. With the global mental health crisis showing that one in every eight individuals faces mental health challenges, VOS.health is dedicated to offering a comprehensive and personalised solution. The platform combines professional advice, data-driven insights, and a suite of tools designed to empower individuals on their well-being journey. VOS.health's global reach is extensive, with services available in over 170 countries, in 9 languages. Positioned in a rapidly growing market for digital mental health solutions, VOS.health is committed to improving well-being outcomes worldwide through its innovative and user-friendly platform.





“We faced multiple challenges this year, that helped us emerge as a strong team with an even stronger product vision for 2024.”

Ondřej Kopecký
Co-founder & COO of VOS.Health

Achievements in 2023

- Established a partnership with DÔVERA zdravotná poisťovňa, a. s.
- e-Launched VOS WatchOS app.
- Introduced a new feature with specially curated meditations for work, study, and self-awareness.
- Added six calming sounds: white noise, ocean waves, rain, thunderstorm, forest, and soothing jazz.
- Named for the 2nd time as App of the Day on the App Store in January, 2023.
- Tested an innovative, proprietary AI-based coach, ChatMind.
- Enabled interactive widgets to monitor well-being directly from the home screen.
- Founders selected in Forbes 30 under 30 in Czech Republic.

Plans for near future

- Primary focus on funnel optimisation, scaling and acquiring new customers.
- Introduce an enhanced version of the VOS platform, incorporating advanced AI technologies to significantly increase scalability and deliver personalised well-being support more effectively – launch of ChatMind, AI talk therapist.
- Elevate the Lifetime Value (LTV) to Customer Acquisition Cost (CAC) ratio, to optimise marketing efficiency and enhance overall profitability in our mission to support mental well-being.
- Establish a solid brand presence in the United States, aiming to become a recognised and trusted name in digital mental health solutions for users seeking a safe space for personal growth and well-being.
- Entering into new partnerships with health insurance companies.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup's product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startups' Contribution to Sustainability

Total number of users worldwide	>	3,300,000+
Percentage of users reporting significant improvements in well-being after 3 months	>	80%
Total number of human lives saved	>	20+
1on1 crisis intervention with team experts	>	15,000+
Total number of minutes in meditation	>	1,600,000+
Total number of breathing exercises completed	>	1,300,000+
Total number of journaling sessions	>	600,000+
Total number of mood trackers	>	15,000,000+

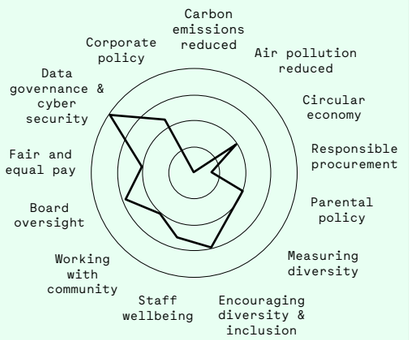
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 2/28 Social: 26/44 Governance: 23/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	0 %
	Air pollution reduced	0 %
	Circular economy	50 %
	Responsible procurement	17 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	75 %
	Staff wellbeing	63 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	56 %

ESG_VC Assessment by ESG Outcome



*The result numbers are prepared based on analysis by our internal team.

Twinzo

Operational 3D digital twin for facilities that unifies relevant data providing real-time analytics to monitor and optimise your businesses.

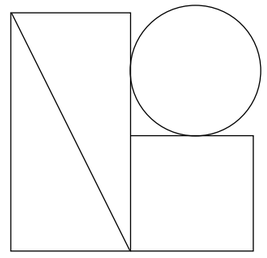
Stream	Circular Economy
Headquarters	Bratislava, Slovakia
Entry investment round	Seed (2023)
Total workforce in 2023	18
Gender diversity in the team	Men: 13, Women: 5

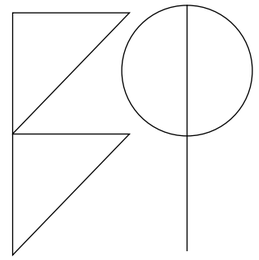
Solution

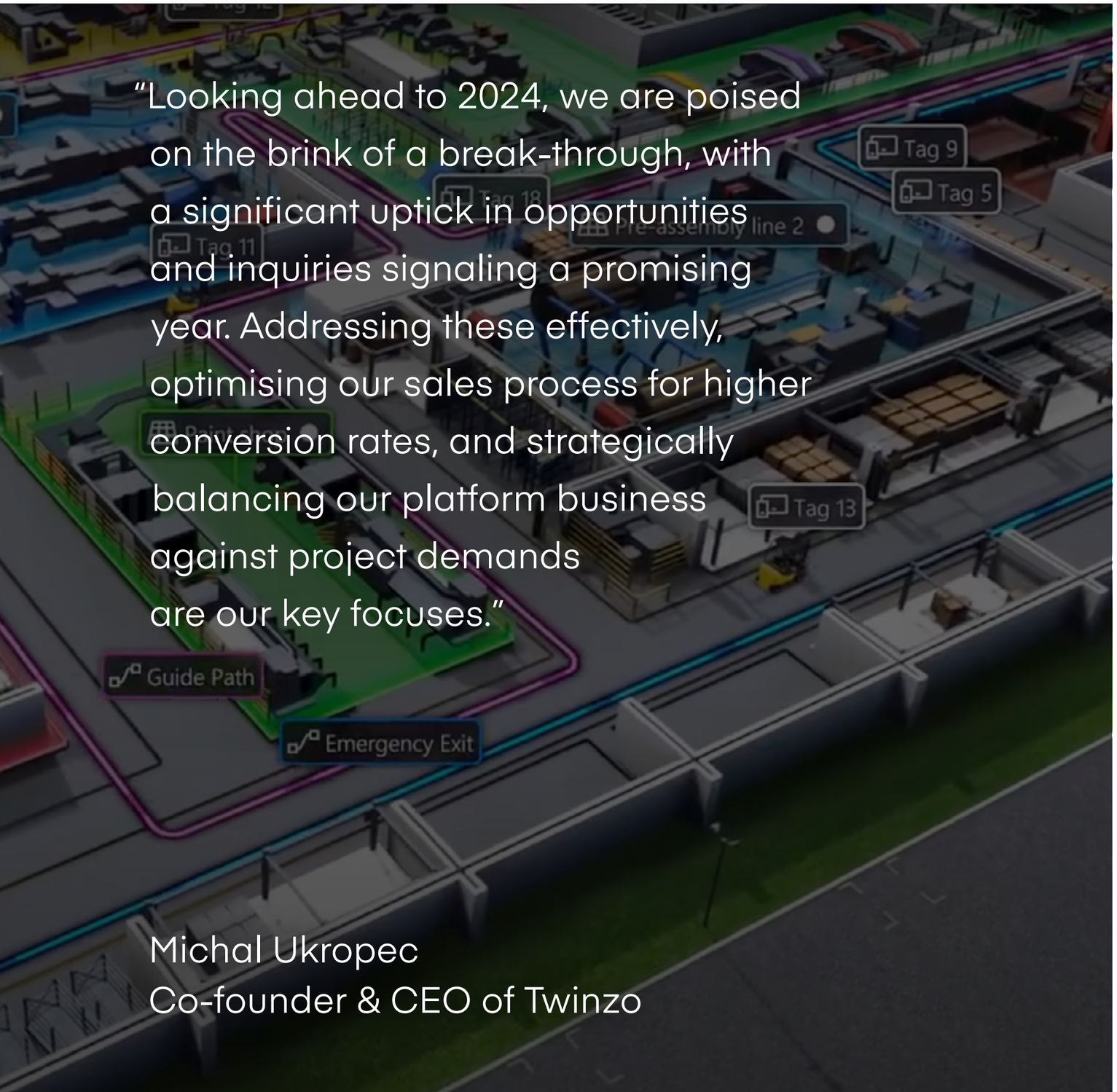
Twinzo is revolutionising the management and understanding of operational spaces and activities through data and its innovative use of Digital Twin technology, from homes and offices to entire cities. By creating exact virtual replicas of physical spaces, Twinzo enables detailed analysis and smarter decision-making. Their solution, the operational 3D live digital twin, transforms raw data into actionable insights, improving efficiency and promoting sustainability in various areas. The integration of IoT, machine learning, and comprehensive data allows for real-time monitoring and management through a user-friendly 3D interface accessible on smartphones. This technology empowers users to efficiently manage IoT sensors, databases, or processes, enhancing operational optimisation and quick issue resolution.

Purpose

Twinzo's core purpose is to elevate product quality, reduce operational costs, and significantly decrease resource consumption and carbon emissions, propelling businesses towards more sustainable practices. The technology enhances resource utilisation and extends product life cycles. It offers real-time insights that improve decision-making efficiency by 35%, enabling the rapid development and deployment of sustainable projects. This method minimises risks in complex initiatives, demonstrating how the digital twin technology can create more resilient and sustainable future.







"Looking ahead to 2024, we are poised on the brink of a break-through, with a significant uptick in opportunities and inquiries signaling a promising year. Addressing these effectively, optimising our sales process for higher conversion rates, and strategically balancing our platform business against project demands are our key focuses."

Michal Ukropec
Co-founder & CEO of Twinzo

Achievements in 2023

- Closed investment round in a hard-to-raise investment market.
- Partnerships with industry leaders such as Škoda Auto, Whirlpool, Benteler, Nemak, Schnellecke Logistics and Mondelēz International.
- Awarded for the Intelligent Digital Twin in the ŠKODA AUTO Press Shop at the International Engineering Fair in the category of Automation and Industry 4.0.
- Innovation of the Year award from ESTATE & BUSINESS Magazine.
- Successfully sourcing and hiring core team members.
- Finalising product DIY onboarding.
- Opened multiple opportunities that are expected to significantly shape our journey next year such as Airbus and Trojena projects.

Plans for near future

- Elevating sales strategy to prioritise engagement with two distinct customer segments: flagship and platform customers.
- Finalise deals with flagship customers including Škoda Auto, Airbus and Trojena, indicating our advanced positioning just before order confirmation.
- Refine the funneling process for platform customers to significantly enhance conversion rates from initial registration to paying clients.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup's product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup's contribution to sustainability

Total number of live digital twins on the platform	>	95
Total area covered by the digital twin	>	270,000,000+ m^2
Improvement of decision-making TAT up to	>	35%
Expected ROI from solution implementation	>	3 – 8 mos.
Total number of localitisation devices in use by the product	>	12,699
Total number of IoT sensors in use by the product	>	10,827
Total number of users on the platform: a) enterprise environment and b) public platform	>	300 & 700

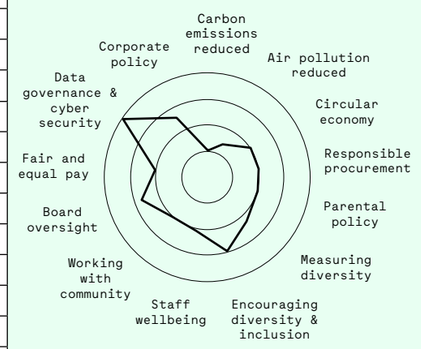
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 10/28 Social: 25/44 Governance: 24/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	25 %
	Air pollution reduced	33 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	75 %
	Staff wellbeing	50 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	63 %

ESG_VC Assessment by ESG Outcome



*The result numbers are prepared based on analysis by our internal team.

Kardi AI

Czech healthtech solution that provides long-term ECG monitoring using AI-based diagnostics and wearables for preventive and active heart health care.

Stream	Healthcare
Headquarters	Prague, Czechia
Entry investment round	Seed (2023)
Total workforce in 2023	12
Gender diversity in the team	Men: 8, Women: 4

Solution

Kardi AI has developed a ground-breaking solution to revolutionise heart health monitoring by leveraging advanced technology to provide high-quality ECG readings from an affordable, wearable device. This innovative approach allows for long-term and comfortable monitoring, enabling individuals to engage in daily activities without interruption. The device, equipped with the Polar H10 heart rate sensor, ensures accurate data collection during various activities, including exercise. By automating data aggregation, Kardi AI simplifies the tracking process, making it easier for users to regularly monitor their heart health, detect irregularities, and share crucial data with healthcare professionals for timely intervention.

Purpose

Kardi AI aims to improve cardiovascular disease prevention and management. By offering a solution that overcomes the limitations of traditional ECG devices and Holter monitors, Kardi AI facilitates continuous and more flexible heart rhythm monitoring, potentially catching abnormalities that other methods might miss. This technology is particularly important in a world where cardiovascular diseases remain one of the leading cause of mortality, highlighting the need for accessible, efficient, and user-friendly monitoring tools. Kardi AI's mission is to enhance healthcare accessibility and sustainability, contributing to the global effort to reduce the burden of cardiovascular diseases and improve patient outcomes through innovative healthtech solutions.

"In 2023, Kardi AI experienced significant growth and innovation, making strides in revolutionising healthcare through its AI-powered solutions. The year saw Kardi AI's continued commitment to improving patient outcomes, streamlining processes, and advancing medical research. Looking ahead to 2024 and beyond, I envision Kardi AI further expanding its reach, collaborating with healthcare providers worldwide, and pioneering new developments in predictive analytics, personalised medicine, and remote patient monitoring."

Vlastimil Hrabal, COO of Kardi AI

Achievements in 2023

- Listed amongst 10 promising startups to watch in 2024 in Czechia.
- Winner of the Czech DIGI@MED Awards.
- Finalist in the Digital Health Solution of the Year" category at the Med Tech World Awards, amongst the top 5.
- Submission of all documents related to MDR 2A certification.
- Beta release of the version 2 of the product.
- Presentation of the product to new markets.
- Onboarding of 50+ cardiologists.
- 600+ paying patients with 23% AF detection.
- Three new clinical studies.
- Received CzechInvest AI technology incubation grant of 5M CZK.

Plans for near future

- Acquire MDR 2A certification, ensuring compliance with European medical device regulations.
- Initiate a comprehensive business rollout targeting insurance companies and medical care providers.
- Unveil strategic company re-branding to better reflect its mission.
- Pilot and expand the solution to other international markets.
- Introduce Kardi AI version 2 of the product, featuring advanced functionalities for more effective long-term ECG monitoring.
- Release an API for seamless integration with partner institutions and hospitals.
- Committ to AI accuracy and scalability enhancements for superior diagnostic precision and user experience.
- Prioritise system scalability and speed enhancements to support our growing user base.
- Establish a Scientific Advisory Board to guide innovation and ensure our solution is leveraging the latest scientific research.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup’s product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup’s contribution to sustainability

Total number of monitored heart rhythm disorders	>	7
Total number of ECG measurements with the solution	>	105,026+
Total number of days of measuring ECG activity using AI	>	8,407+ d
Total number of registered users	>	1,100+

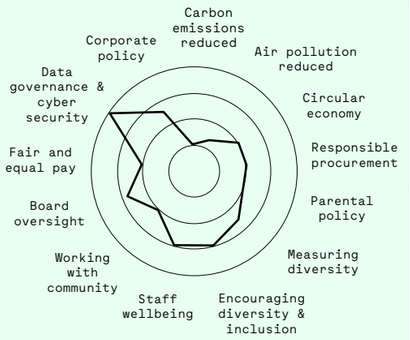
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 12/32 Social: 28/44 Governance: 24/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	25 %
	Air pollution reduced	33 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	61 %
	Encouraging diversity & inclusion	75 %
	Staff wellbeing	75 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	63 %

ESG_VC Assessment by ESG Outcome



*The result numbers are prepared based on analysis by our internal team.

Perfect-Air

The global network of digital and physical sensors providing reliable and real-time local air quality data.

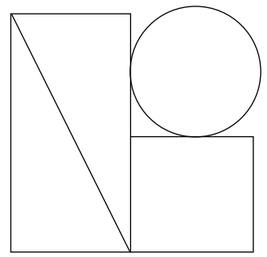
Stream	>	Air
Headquarters	>	Ostrava, Czechia
Entry investment round	>	Seed (2021)
Total workforce in 2023	>	7
Gender diversity in the team	>	Men: 4, Women: 3

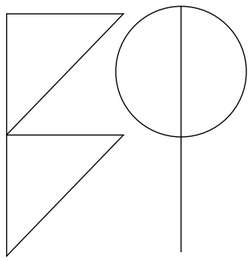
Solution

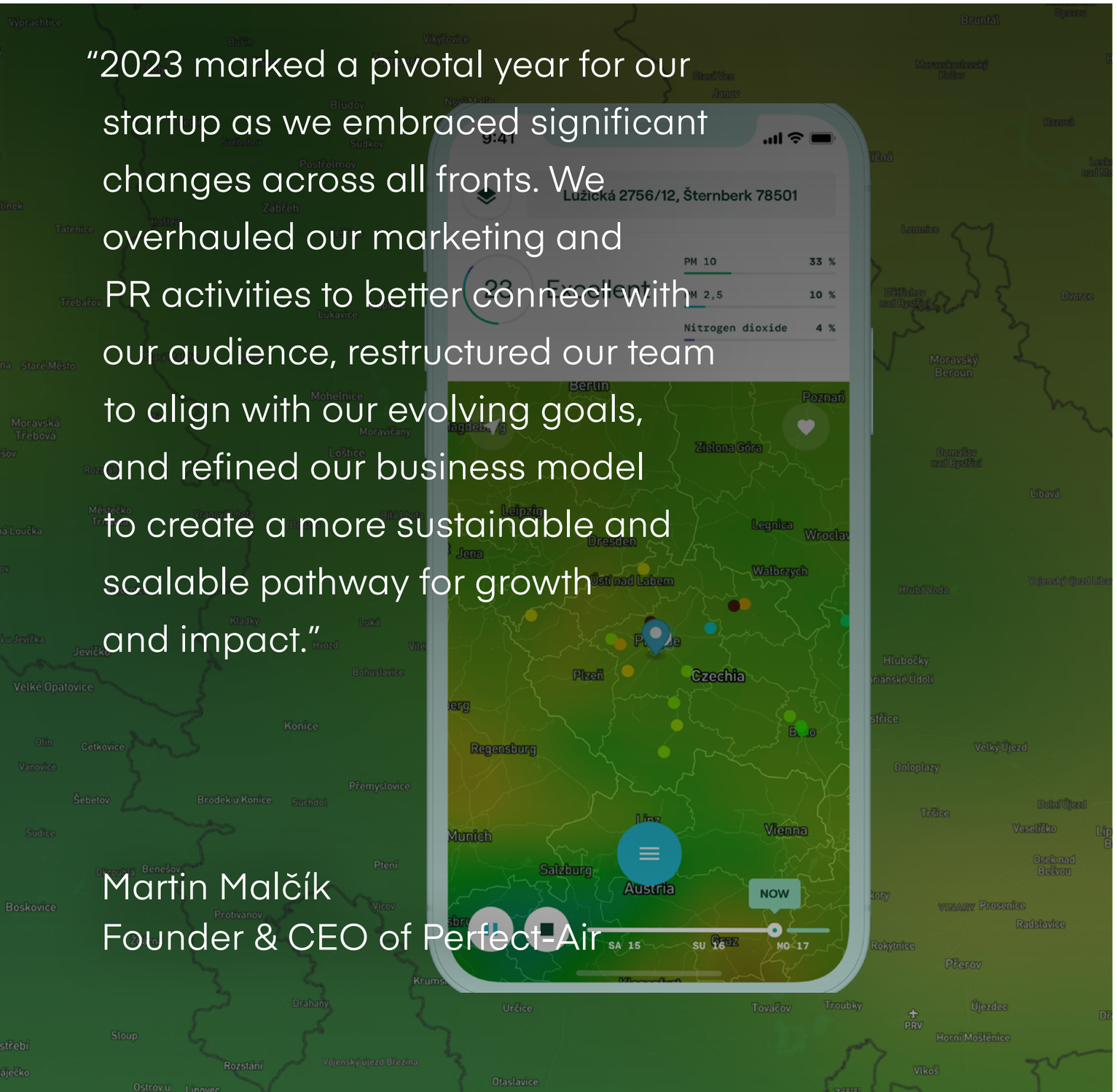
The platform enables users to access real-time air quality information, whether at home, in the workplace, or while traveling. It offers an innovative approach to monitoring the air users breathe, detecting hazardous particles and substances with their advanced stations. Utilising highly sensitive and selective sensors, it provides reliable, accurate, real-time data on both air quality and particulate matter. The user-friendly application allows users to view current air quality data, explore local air properties via the AirMap and receive personalised recommendations and notifications about projected changes. Seamless integration with smart devices offers easy, centralised access, enhancing user experience and business operations.

Purpose

Every year, 4.2 million people die from outdoor air pollution and another 3.8 million people from harmful indoor gases. Perfect-Air technology can save millions from respiratory and cardiovascular diseases and allergies. Resulting in reducing medication needs, alleviating symptoms, improving treatments, and improving quality of life. It provides instant data evaluation, real-time local insights, easy data access, effective recommendations and seamless IoT integration. Finally, the solution not only protects health but also supports efforts to reduce emissions and combat climate change, promoting a more sustainable and healthier future.







"2023 marked a pivotal year for our startup as we embraced significant changes across all fronts. We overhauled our marketing and PR activities to better connect with our audience, restructured our team to align with our evolving goals, and refined our business model to create a more sustainable and scalable pathway for growth and impact."

Martin Malčík
Founder & CEO of Perfect-Air

Achievements in 2023

- Upgraded map functionalities.
- Adjusted business model.
- New Perfect-Air station with PM 1, 2.5, 10, NO_2 and VOC measurement.

Plans for near future

- Low-cost Perfect-Air station.
- New business model for low-cost Perfect-Air stations.
- Upgraded mobile application for Android and iOS.
- Enhanced mathematical model for combination of terrestrial station data and space data.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup's product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup's contribution to sustainability

Total number of air mesauring stations currently leveraged on the platform	>	12,000
Total number of Perfect-Air stations deployed	>	100
Regions where Perfect-Air measures real-time air quality	>	Europe
Frequency of air quality data measurements	>	3 minutes
Air properties monitored and measured	>	PM 10, PM 2.5 NO_2, SO_2, CO_2, VOC, pollen, air pressure, humidity, temperature

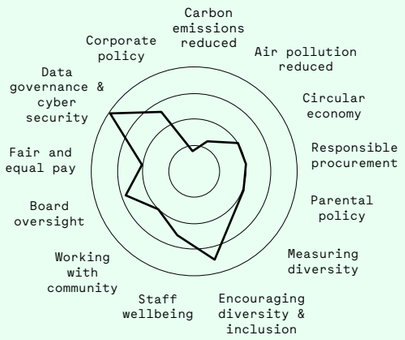
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 11/32 Social: 27/44 Governance: 20/30

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	19 %
	Air pollution reduced	33 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	88 %
	Staff wellbeing	63 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	63 %

ESG_VC Assessment by ESG Outcome

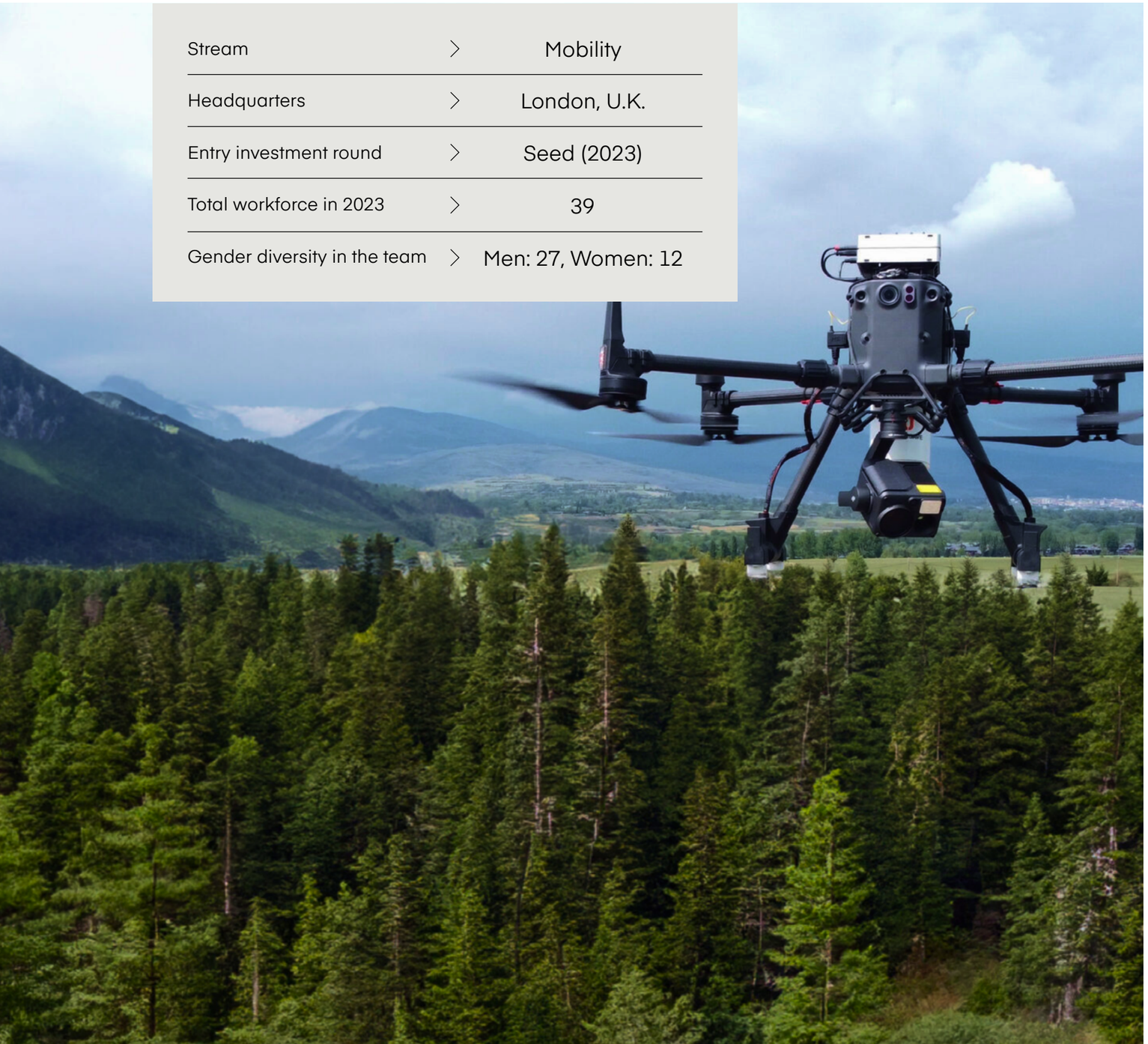


*The result numbers are prepared based on analysis by our internal team.

Unmanned Life

One platform to autonomously and sustainably deploy, control and orchestrate different robotic devices.

Stream	Mobility
Headquarters	London, U.K.
Entry investment round	Seed (2023)
Total workforce in 2023	39
Gender diversity in the team	Men: 27, Women: 12

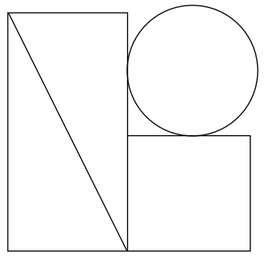


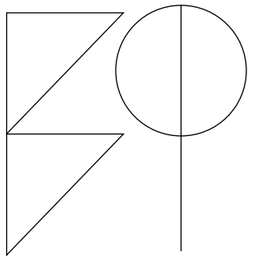
Solution

Unmanned Life is at the forefront of autonomous robotics innovation, offering a singular software platform that enables businesses across various industries to harness the full potential of robotics. This platform acts as a central hub for the deployment, control and orchestration of diverse fleets of robots and drones, effectively transforming them into a cohesive, efficient workforce. By integrating advanced technologies like artificial intelligence and machine learning, it helps companies to streamline their operations and significantly enhance productivity, cost-efficiency and safety. The technology revolutionises a broad spectrum of industries such as logistics, surveillance, maintenance, manufacturing, forestry, agriculture and healthcare.

Purpose

Unmanned Life transforms industries by providing fully autonomous, AI-driven orchestration platforms that enable efficient, scalable and intelligent management of unmanned vehicles and devices. The company places a strong emphasis on sustainability and improving human safety, addressing key challenges such as labor shortages and operational inefficiencies while focusing on a greener future. Through projects like autonomously monitoring forests with Telus and inspecting renewable energy infrastructures, Unmanned Life demonstrates its commitment to environmental care and efficient resource use. Their dedication is also evident in their efforts to reduce waste and access difficult areas, providing sustainable and practical alternatives to traditional methods.





“With its unique platform for orchestrating autonomous robots, Unmanned Life empowers businesses to deploy and manage hybrid fleets of intelligent machines, enhancing operational efficiency and enabling seamless automation across various industries.”

Tomáš Kabeláč
Sustainability & Innovation Manager of Soulmates Ventures

Achievements in 2023

- Introduced first product, U-Security, a cutting-edge drone security solution for autonomous surveillance.
- Finalist in the Startup World Cup.
- Shortlisted for the GLOMO Award in the GSMA Innovation Award category.
- 2023 Cool Vendor in Communications by Gartner.
- Featured among 100 EDGE Computing Companies and the Next Generation EU fund by STL Partner.
- Listed in the TOP 50 startups by 4YFN for 2024.
- Deployed an autonomous hybrid robotics mission.
- Conferred the GSMA Foundry Excellence Award for Digital Transformation with Liberty Global and AWS.
- Conducted successful testing with Antwerp port, AWS, and Liberty Global using UL technology for industry security, including ports, energy, oil and gas.

Plans for near future

- Strategically augment global distribution network by partnering with 50 new resellers worldwide, enhancing market penetration and brand visibility.
- Target a robust revenue growth, underpinned by expanding product adoption and optimising operational efficiencies.
- Introduce a groundbreaking product that leverages advanced autonomous robotics orchestration.
- Aggressively pursue market expansion into the Middle East and Asia-Pacific regions.
- Enhance operational capabilities in port logistics, employing autonomous robotics to increase efficiency and reduce operational costs.
- Exploration of satellite-driven activities to unlock new possibilities and applications.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup’s product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup’s contribution to sustainability

Total number of deployments leveraging the UL platform	>	24
Number of cities used UL outdoor emergency situations cases	>	3
Number of facilities secured	>	8
Median time to launch operation	>	30 sec.
Median time to deliver rescue equipment	>	1 min. 57 sec.
Median time reduction for incidence response	>	54%
Median time reduction for incidence response compared to worker (2 pilots)	>	48% & 80%
Median time reduction for forestry activities compared to other alternatives	>	1,5h × 154h
Total forest area monitored and 3D mapped	>	250,000 m^2

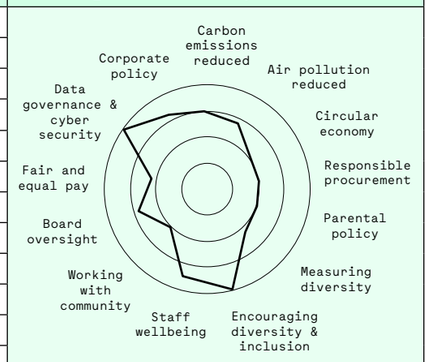
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 21/32 Social: 30/44 Governance: 26/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	69 %
	Air pollution reduced	67 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	100 %
	Staff wellbeing	88 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	75 %

ESG_VC Assessment by ESG Outcome



* The result numbers are prepared based on analysis by our internal team.

MADMONQ

Sustainable supplement lab, offering a range of natural, nootropic products that enhance performance, focus and health.

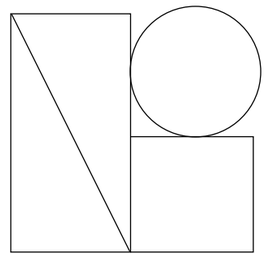
Stream	Food & Agriculture
Headquarters	Prague, Czechia
Entry investment round	Seed+ (2023)
Total workforce in 2023	19
Gender diversity in the team	Men: 12, Women: 7

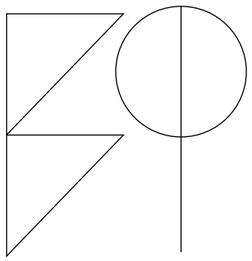
Solution

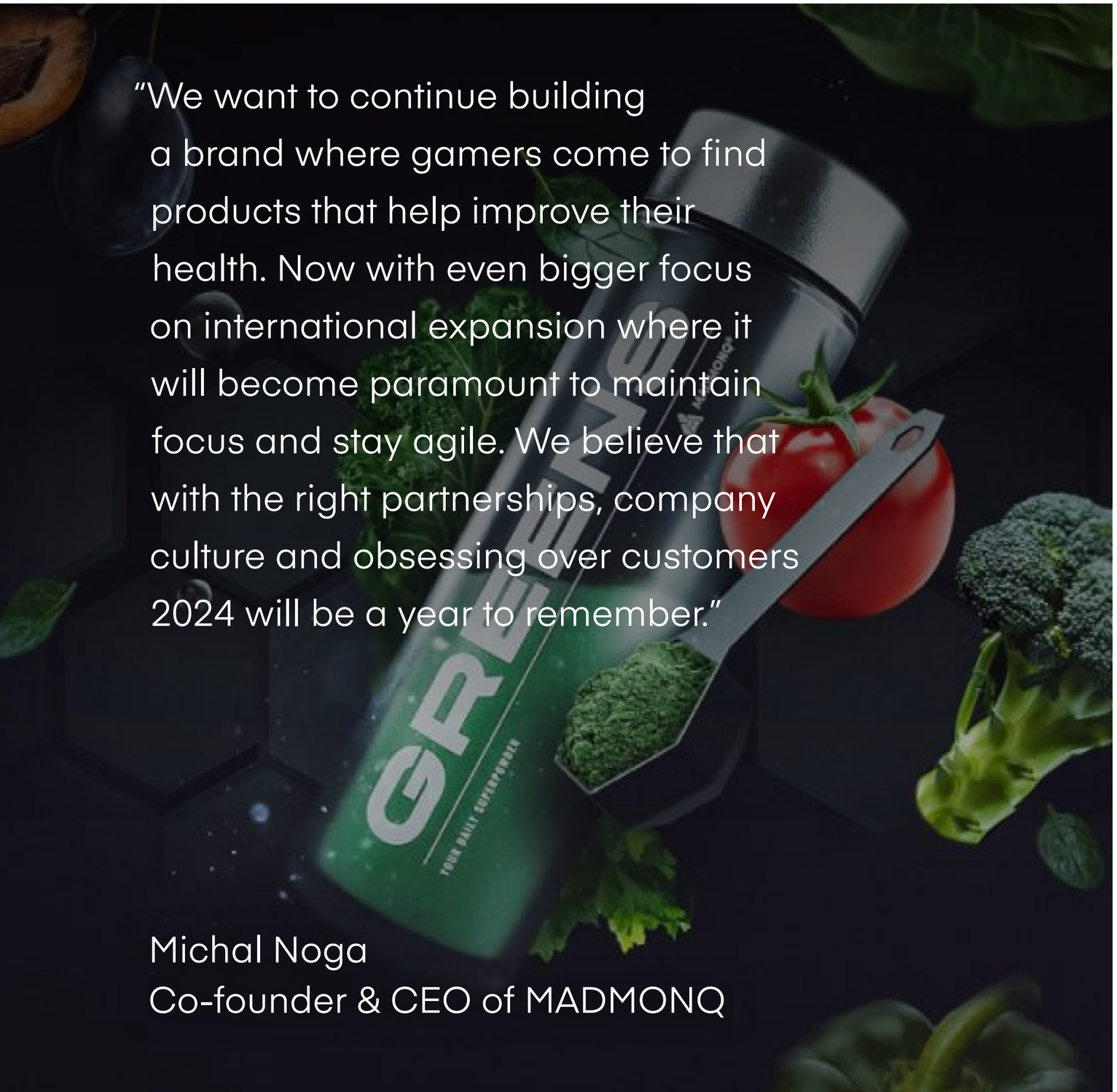
MADMONQ has introduced an innovative approach in the dietary supplements market, designed to boost cognitive and physical performance for gamers and the general public alike. By focusing on natural ingredients and excluding colorants, preservatives, and genetically modified organisms (GMOs), MADMONQ offers a healthier and more efficient alternative to traditional energy drinks commonly consumed by the gaming community, but also the general population. The production process is designed with long-term sustainability in mind, ensuring that the supplements not only boost gamers' performance but also contribute to their overall health. This commitmen to premium, natural components underscores MADMONQ's dedication to improving gaming experiences and well-being through healthier, more sustainable choices.

Purpose

The objective of MADMONQ centers on integrating innovation and scientific research into the dietary supplements market. With a focus on sustainability, MADMONQ has introduced products such as Greens, a significant step forward in offering balanced nutritional supplements that support both mental and physical health. This product meets the needs of individuals with demanding lifestyles, seeking effective ways to fulfill their nutritional requirements. Or MADMONQ, which provides a healthier alternative to energy drinks currently consumed by 68% of interviewed adolescents (ages 10–18) in Europe. By developing products such as Greens, Champion and MADMONQ, the company demonstrates its commitment to healthier, environmentally-friendly options that significantly impact people's lives, showcasing their understanding of health needs.







“We want to continue building a brand where gamers come to find products that help improve their health. Now with even bigger focus on international expansion where it will become paramount to maintain focus and stay agile. We believe that with the right partnerships, company culture and obsessing over customers 2024 will be a year to remember.”

Michal Noga
Co-founder & CEO of MADMONQ

Achievements in 2023

- 3rd product launch MADMONQ Greens.
- Record year in terms of revenue.
- 4700 active subscribers.

We finished the year at record numbers and even though the YoY growth was not 3-digits, we managed to push the right levers to ensure profitability of the business.

Plans for near future

- Start fundraising for series A in the US.
- Reach €5 million in revenue.
- MADMONQ version 4 launch.
- Strengthening US presence.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup’s product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup’s contribution to sustainability

Total number of products offering healthier alternative to support eating habbits	3
Total number of subscribed customers	4,700+
Total number of natural ingredients in every MADMONQ chewable tablet	15+
Total number of natural ingredients in every Champion chewable tablet	24+
Total number of natural ingredients in every serving of Greens	62+
The effectiveness of MADMONQ boosting effect based on natural ingredients equals	2 cups of coffee / 2 energy drinks
MADMONQ's definition of healthier, naturally-based ingredients	No GMO, sugar, dairy, lactose, eggs preservatives, gluten added colorants

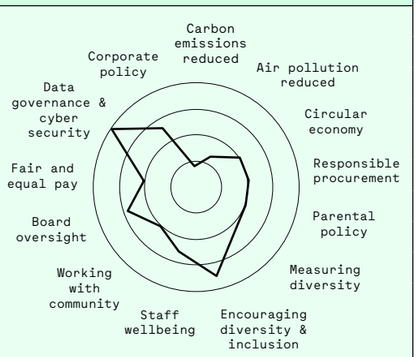
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 11/32 Social: 27/44 Governance: 20/30

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	19 %
	Air pollution reduced	33 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	88 %
	Staff wellbeing	63 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	63 %

ESG_VC Assessment by ESG Outcome

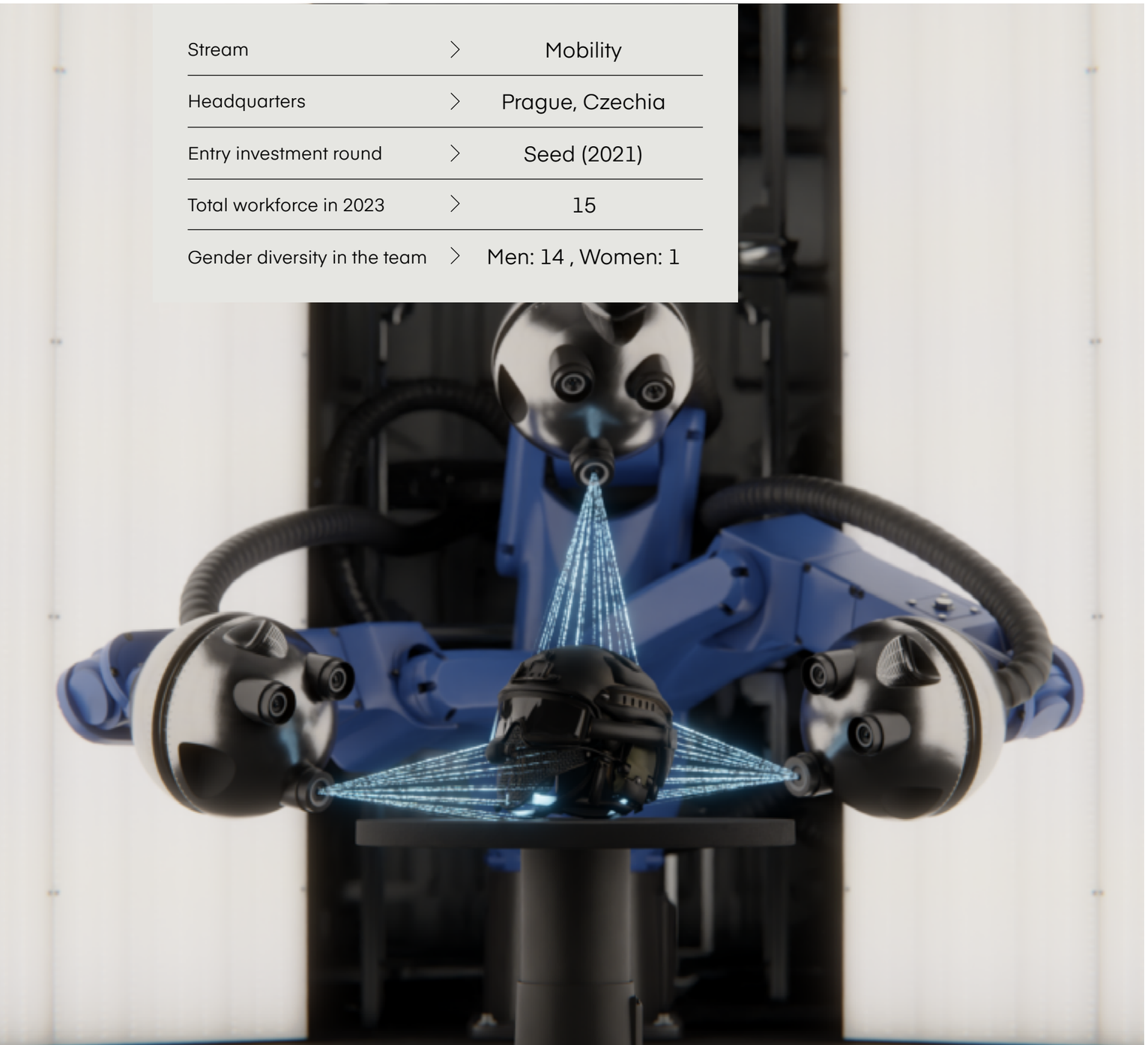


* The result numbers are prepared based on analysis by our internal team.

Precismo

Bringing digital high-quality 3D copies
of the real world into the AR/VR environment
in a more sustainable way.

Stream	Mobility
Headquarters	Prague, Czechia
Entry investment round	Seed (2021)
Total workforce in 2023	15
Gender diversity in the team	Men: 14 , Women: 1

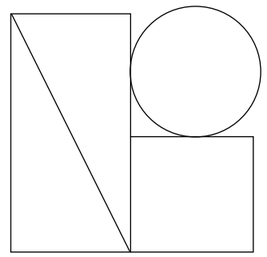


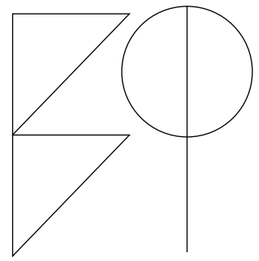
Solution

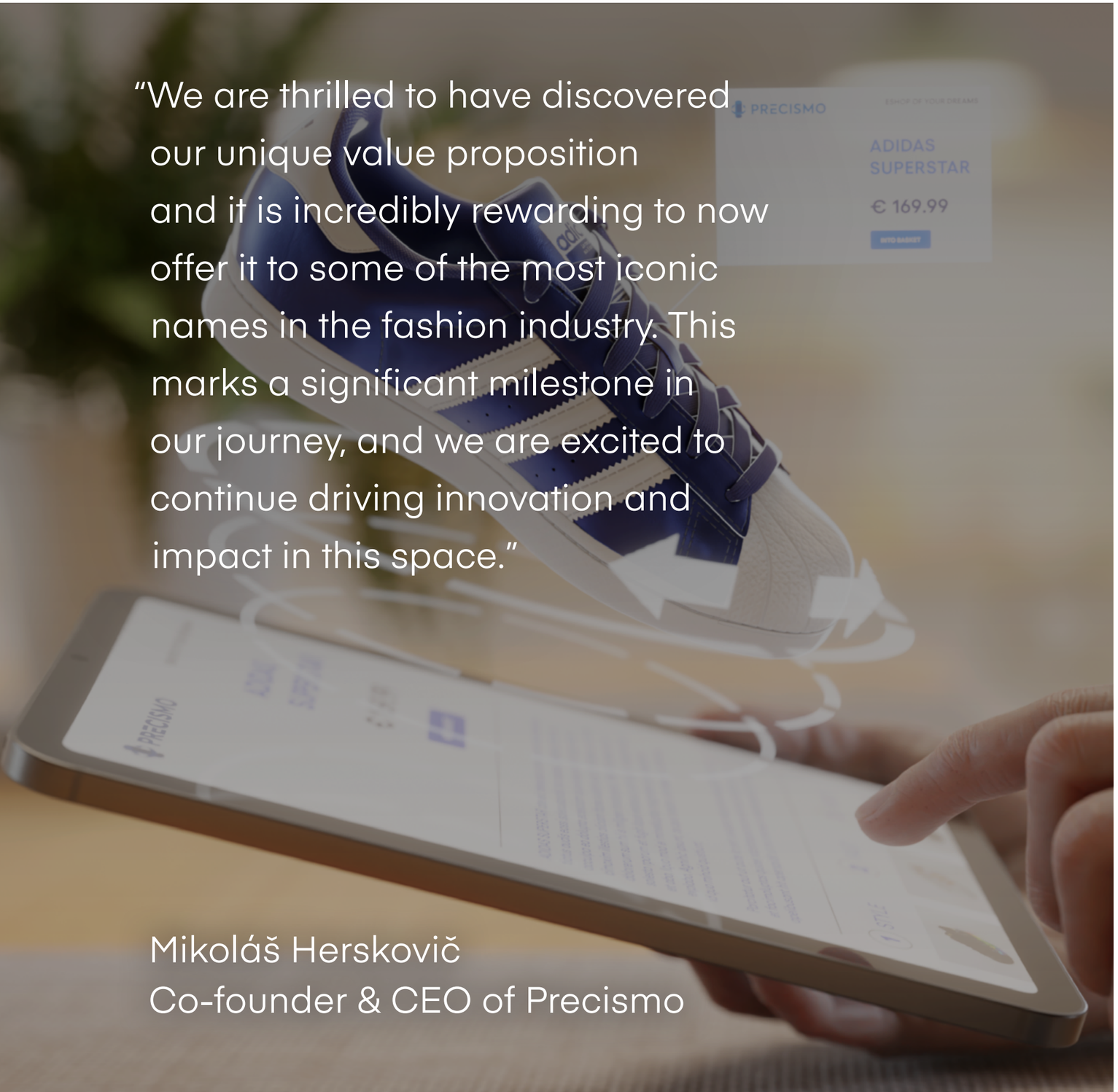
Using a unique technology that transforms real objects into a digital environment, Precismo's 3D models can be used in AR and VR technology. One of the main goals for Precismo is to increase the efficiency in various industries, such as e-commerce, reducing its negative impact on the environment. Their technology makes it possible to reduce the wastefulness of goods – packaging materials, transport, overproduction and related greenhouse gas emissions – improving the economic health of companies as well as their overall sustainability. By mathematically describing the object, digital duplicates of products are created, with a lower digital carbon footprint than traditional digital media.

Purpose

Visual experience is an important part of the buying process. Particularly when it comes to products such as clothing, footwear or electronics, it is a common practice for customers to order and try on items, to view the goods in detail. If the product subsequently fails to meet expectations, it is then sent back, creating unnecessary waste and carbon emissions. Thanks to Precismo's technology, customers can zoom in on the product in any way they want on their electronic devices, including smartphones, rotate it at will and see every detail. The better the viewing experience, the greater the chance of a confident purchase and a reduction in return rate, and therefore the carbon footprint.







"We are thrilled to have discovered our unique value proposition and it is incredibly rewarding to now offer it to some of the most iconic names in the fashion industry. This marks a significant milestone in our journey, and we are excited to continue driving innovation and impact in this space."

Mikoláš Herskovič
Co-founder & CEO of Precismo

Achievements in 2023

- New AI & web-viewer versions.
- Advancement of of machine learning.
- Scanning device price/scalability optimisation.
- Speed enhancement of the scanning process.
- Revamp brand identity, including the launch of a new website.

Plans for near future

- Increasing the size of the sales team.
- Business expansion within Europe and preparation for expansion into the US.
- Technology entry into the metaverse platforms.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup’s product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup’s contribution to sustainability

Shopping return rates reduction by mitigating the possibilities of mismatch up to > 35%

ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 11/28 Social: 13/32 Governance: 21/36

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	19 %
	Air pollution reduced	33 %
	Circular economy	50 %
	Responsible procurement	50 %
S	Parental policy	50 %
	Measuring diversity	56 %
	Encouraging diversity & inclusion	88 %
	Staff wellbeing	63 %
	Working with community	50 %
G	Board oversight	67 %
	Fair and equal pay	50 %
	Data governance & cyber security	100 %
	Corporate policy	63 %

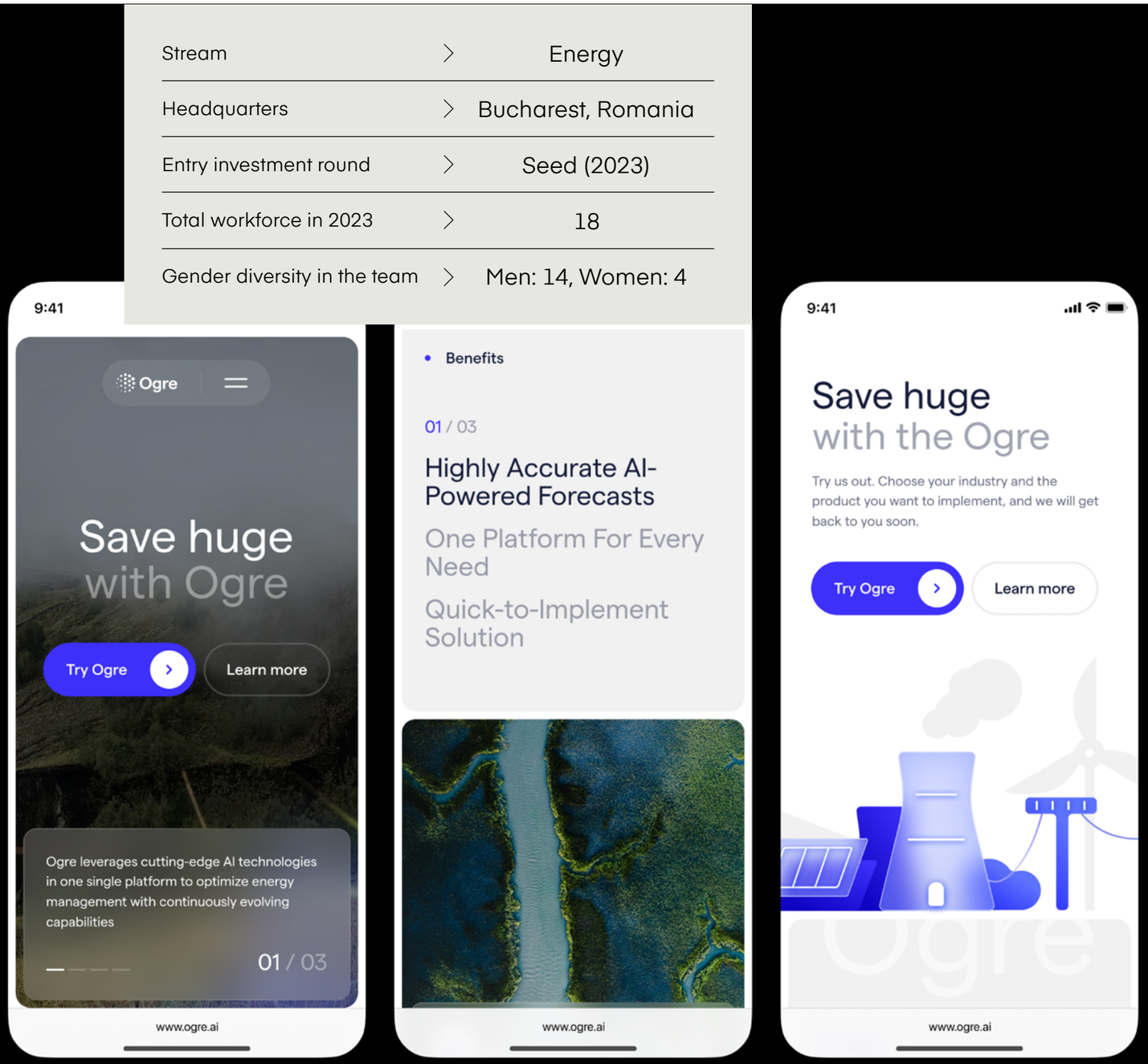
ESG_VC Assessment by ESG Outcome

*The result numbers are prepared based on analysis by our internal team.

Ogre AI

AI platform that specialises in utility energy management, leading the way in digital transformation and forecasting for the entire energy industry value chain.

Stream	Energy
Headquarters	Bucharest, Romania
Entry investment round	Seed (2023)
Total workforce in 2023	18
Gender diversity in the team	Men: 14, Women: 4



Solution

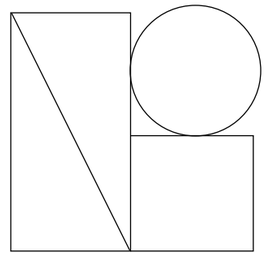
The award-winning startup Ogre AI brings a unique data analytics AI and ML platform delivering significant savings to market stakeholders in the energy industry by providing cutting-edge forecasts. The platform comprises of six modules – Generation forecast, Demand forecast, Prosumers (producer + consumer) forecast, Technical losses forecast, Anomaly detection and non-technical losses (NTL) and EV charging station forecast that can be seamlessly integrated separately or in combination depending on the needs of the client.

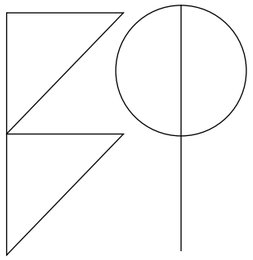
Ogre's team discovered a method to use real-time data from weather sensors, satellite imagery and other sources to deliver highly accurate forecasts, allowing energy providers to optimise their operations and reduce costs. The platform leverages AI and ML technologies and provides state of the art analytics solutions for energy utilities in electricity, gas, district heating, water and wastewater starting from forecasting, but expanding also to energy management and digitalisation for the whole energy value chain.

Purpose

Ogre AI has already made a considerable impact on sustainability by forecasting 90% of all electricity demand and 85% of the local grid technical losses in their local market in Romania and 70% of forecast of electricity demand in Greece – covering in total over 15 millions consumers (households, commercial and industrial). The reason for energy utilities to cooperate with Ogre AI is very clear – in some cases, the solution reduced the financial losses of the energy partners by up to 30%.

The long-term goal is to reduce the energy transition duration by up to 10%. This will be achieved by increasing savings and investment capabilities within the energy value chain. Additionally, it involves boosting the integration and utilisation of renewables and reducing the costs associated with the green transition. The plan also aims to lower CO_2eq emissions and make energy more affordable. Furthermore, it focuses on enhancing grid resilience and stability.





Achievements in 2023

- Achieved 90% of all electricity demand and 85% of the local grid technical losses in their local market in Romania, and 70% of forecast of electricity demand in Greece.
- First project outside Romania (Demand Forecast for PPC Greece).
- Extended beyond electricity and secured first project in gas.
- Closed bridge investment round.
- Started a large number of pilot projects.
- Onboarded a Growth Manager.
- Won at the FEL Awards Gala 2023 hosted by Future Energy Leaders Romania.
- Winner of the CEE Startup Challenge – top 10 companies from CEE by Vestbee.
- Featured in 12 energy startups to watch in 2023 by Sifted.

Plans for near future

- Embark on an international expansion journey with a strategic focus on the European Union.
- Achieve set milestone in annual recurring revenue ($1 million), which will demostrate strong market adoption and the effectiveness of the AI-driven forecasting solutions.
- Launch two innovative solutions: a demand forecast system for EV charging stations and a cutting-edge model for predicting prosumer behavior.
- Reaffirm Ogre AI’s position as a pivotal force within the regional energy industry to set new standards for accuracy and reliability in energy forecasting.
- Amplify operational and development capabilities through strategic talent acquisition, ensuring that the team is equipped to drive and support Ogre’s ambitious scaling activities and product innovations.

Startups' solution aligned with SDGs

*The selected SDGs are aligned with each startup's product proposition, focusing on specific sustainability areas that correspond to relevant SDG targets and indicators.

Startup's contribution to sustainability

Reduction of the financial losses for stake-holders in the energy industry by up to	>	30%
Total number of forecasted consumers (households, commercial and industrial) in the portfolio	>	16,200,000
Total generation capacity of the paying customers	>	1,200 MW
Total number of kilometres of grid lines for technical losses in the portfolio	>	334,082 km
Energy segments that the technology covers	>	electricity gas water & wastewater district heating

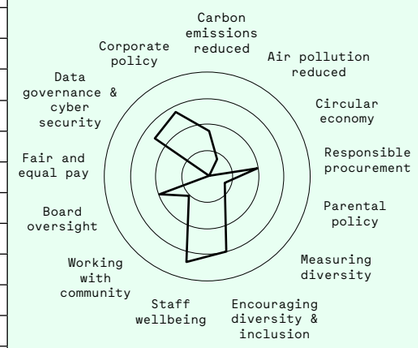
ESG_VC Analysis (Environmental-Social-Governance)

Environmental: 9/22 Social: 19/44 Governance: 19/34

Assessment by ESG Outcome

Pillar	Outcome	% Score
E	Carbon emissions reduced	44 %
	Air pollution reduced	17 %
	Circular economy	0 %
	Responsible procurement	50 %
S	Parental policy	17 %
	Measuring diversity	22 %
	Encouraging diversity & inclusion	75 %
	Staff wellbeing	88 %
	Working with community	25 %
G	Board oversight	50 %
	Fair and equal pay	0 %
	Data governance & cyber security	63 %
	Corporate policy	69 %

ESG_VC Assessment by ESG Outcome



*The result numbers are prepared based on analysis by our internal team.

Engagement with the CEE startup ecosystem

Launch Party — 19. 1. 2023

Along with International Sustainable Finance Centre we hosted an event at the Sustainability Hub Prague.

Nakopni Prahu — 24. 2. 2023

We delivered a presentation at Nakopni Prahu, highlighting innovative solutions to address Prague's challenges.

Global ESG & Sustainability Summit — 27. 4. 2023

At GES, we led insightful ESG discussions, addressing key sustainability topics.

Social Business Breakfast — 9. 5. 2023

Hynek Sochor initiated discussions at the Social Business Breakfast, focusing on aligning startups with the SDGs.

Sustainable Finance Summit — 15. 5. – 19. 5. 2023

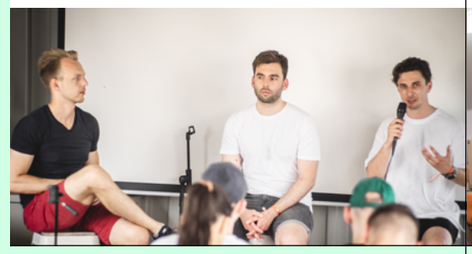
We highlighted the challenges of the VC landscape at the CEE Sustainable Finance Summit.

Greenhack — 1. 6. – 3. 6. 2023

We supported a hackhaton where innovators tackled global challenges, showcasing solutions in a 24-hour sprint.

Engagement with the CEE startup ecosystem

Cashflow Summer — 21. 6. – 24. 6. 2023



Soulmates Ventures took center stage at Cashflow Summer, leading discussions on ESG practices and sustainable finances.

Letní podnikatelský kemp — 16. 7. – 22. 7. 2023

We guided students on how to be successful and sustainable entrepreneurs.

Týden inovací — 10. 10. 2023

We attended an event with Nicholas Zylberglajt - CEO of Unmanned Life.

Invest in Bravery — 19. 10. 2023

Michal Sikyta's Invest in Bravery 2.0 involvement emphasised our dedication to Ukraine's resilient startup community.

AI Startup Pitch Contest — 1. 11. 2023

Hynek Sochor's jury role at the Ostrava AI Startup Pitch Contest marked our commitment to AI innovation.

Health-tech Startups in the Czech Parliament — 2. 11. 2023

Insightful health-tech workshop co-led by Soulmates Ventures in the Czech Parliament.

Next steps

As we look ahead, we are excited to build on our current momentum and take bold steps towards a more sustainable future. Our commitment to sustainability remains steadfast and we have outlined several key initiatives that will guide our efforts in the coming year. We also want to build on our successes such as receiving two nominations from the Central European Startup Awards (CESA) for the Best Accelerator and VC Company in Central Europe, where we won the second category, qualifying for the Global Startup Awards at the same time.

We are dedicated to identifying and investing in the next ten purpose-profit-driven startups that balance profit with positive value-creation. These startups will be chosen for their potential to make significant contributions to societal and environmental sustainability, aligning with our mission to drive sustainable innovation. Additionally, we aim to enhance our accelerator's programmes, aspiring to become the leading platform for sustainability-focused startups. By refining our approach, we will provide unparalleled support to startups committed to making a difference in the world.

We are focused on securing Article 9 compliance for our new funds and aligning our existing funds with Article 8 requirements under the SFDR regulation. This will reinforce our presence in sustainable venture capital and ensure that our investments adhere to the highest sustainability standards. Our goal is to enhance our engagement with portfolio startups on sustainability matters. We will equip them with the necessary tools and support to integrate sustainable practices into their operation.

Building on the success of our first sustainability-focused acceleration programme, we are dedicated to making this initiative even more effective and impactful. Our goal is to provide startups with the resources and guidance they need to thrive in the sustainability area. One of our startups successfully joined the SME Climate Hub's Race to Zero campaign, organised in collaboration with the UN. Leveraging this achievement, we will continue to assist our startups in pursuing certifications and recognitions such as B-Corporation, which underscore their commitment to sustainability.

With our expertise and experience in sustainability within the VC and startup industry, we are dedicated to fostering the growth of the venture capital and startup ecosystem in the CEE region and Czech Republic. We plan to organise and participate in various community activities that support the development of a robust and sustainable ecosystem which nurtures needed solutions.

By committing to these initiatives, we aim to drive meaningful progress in sustainability and create lasting positive impacts. We look forward to working closely with our startups, investors, and partners to achieve these ambitious goals and continue leading the way in sustainable innovation.

Acknowledgments

We extend our deepest gratitude to our investors, experts, partners and colleagues within the Soulmates Ventures ecosystem for their unwavering support and collaboration. Special thanks to the visionary founders and dedicated teams of our breakthrough portfolio startups — eAgronom, VOS. health, Unmanned Life, Kardi AI, Ogre AI, Twinzo, MADMONQ, Perfect-Air and Precismo.

Together, we are united in our commitment to delivering innovative solutions in sustainability that address critical global challenges and accelerate a more sustainable future. Your passion and dedication are instrumental in driving our collective mission forward.

Our partners:

MAVERICKS

GREENHACK

CZECHINVEST

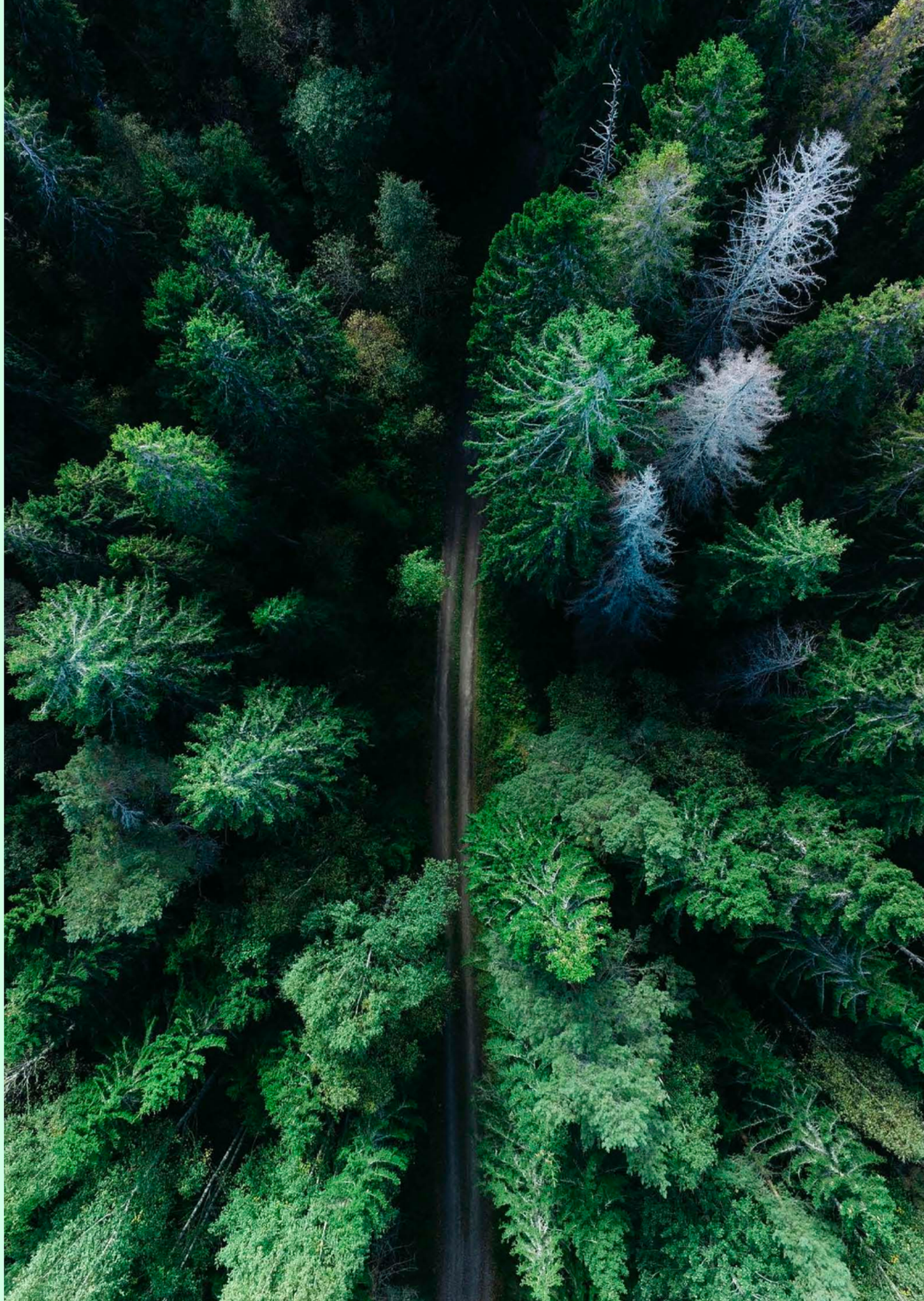
czech bcsd

czechsif

European Innovation Council

ISFC

Akademie věd České republiky



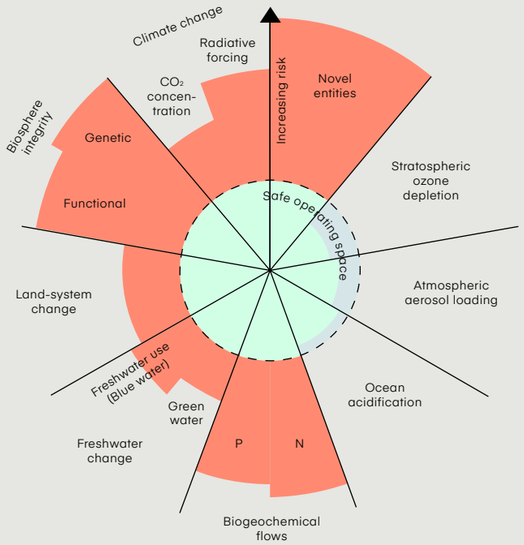
Nine Planetary Boundaries

The Nine Planetary Boundaries, defined by the well-known Stockholm Resilience Centre, are the major natural systems that hold our planet at the level of stability necessary for human prosperity. Unfortunately, most of these boundaries are now at dangerous levels. At Soulmates Ventures, our long-term strategy is tosupport activities and projects that contribute to the stabilisation of these planet boundaries.

Ocean acidification

SAFE

Ocean acidification, driven by the absorption of atmospheric CO2, reduces the ocean's ability to support marine life, particularly calcifying organisms. While the current aragonite saturation state remains within the Safe Operating Space, it is nearing the critical threshold, signaling a growing risk to marine ecosystems.



2023, 9 boundaries assessed, 6 crossed

Stratospheric ozone depletion

SAFE

The stratospheric ozone layer, which shields Earth from harmful UV radiation, was significantly depleted by human-made chemicals. Thanks to efforts like the Montreal Protocol, the ozone layer is recovering, though levels remain below those of the mid-20th century, with ongoing seasonal thinning over the Antarctic.

Atmospheric aerosol loading

SAFE

Airborne particles, or aerosols, influence climate by affecting temperature and precipitation patterns. While the interhemispheric difference in atmospheric aerosol levels remains within the Safe Operating Space, certain regions, such as Southern Asia, experience excesses that disrupt local climates.

Source: Azote for Stockholm Resilience Centre, Stockholm University. Based on Richardson et al. 2023, Steffen et al. 2015, and Rockström et al. 2009

Novel entities

DANGER

Novel entities, such as synthetic chemicals, plastics, and genetically modified organisms (GMOs), are being introduced into the environment without sufficient testing. This poses potential risks to ecosystems, making it essential to adopt stricter controls to ensure only thoroughly evaluated substances are released.

Biogeochemical flows

DANGER

Human activities, particularly in agriculture and industry, have disrupted the natural cycles of nitrogen and phosphorus. Both the global phosphorus flow into oceans and industrial nitrogen fixation now exceed safe levels, contributing to environmental problems like eutrophication and ocean anoxia, highlighting the need for urgent action to restore balance.

Land-system change

DANGER

The transformation of natural landscapes, including deforestation and urbanization, is disrupting essential ecological functions like carbon sequestration and habitat preservation. Forest areas in various biomes have fallen below safe levels, highlighting the urgent need to protect these vital ecosystems.

Climate Change

DANGER

A disruption in the Earth's balance of incoming and outgoing energy, primarily due to rising levels of greenhouse gases and aerosols. This leads to more trapped heat, driving global temperature increases and shifting climate patterns. This planetary boundary has been crossed.

Biosphere integrity

DANGER

The decline in biodiversity and ecosystem health threatens the planet's stability by disrupting energy balance and chemical cycles. Both genetic diversity loss and ecosystem degradation have exceeded safe levels, highlighting the urgent need for conservation.

Freshwater change

DANGER

Alterations to freshwater cycles, including rivers and soil moisture, are affecting key processes like carbon sequestration and biodiversity. Human activities have pushed both blue water (rivers and lakes) and green water (soil moisture) beyond safe limits, emphasizing the need for improved water management to protect ecosystems.